रजिस्ट्री सं. डी एल—33001/98 REGISTERED NO. DL—33001/98

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 5th September 1998

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पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

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पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटोफिस"
फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
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तार पता - "पेटेंटोफिक"
फोन : 5782532 फैक्स : 011-5766204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता-"पेटेंटोफिक"
फोन : 4901495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय),
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234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : 2474401 फैक्स : 033-2473851

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDUM

Under the Heading 'Complete Specification Accepted' in the Gazette of India, [Part III—Sec. 2], February 14, 1998, Page 268 Column 2nd under Patent No. 180501 (Application No. 336/Del/93) Read Applicant : 'KRAFT FOODS, INC' in place of 'KRAFT GENERAL FOODS, INC.'

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

The dated shown in the crecent bracked are the dated claimed under section 135, under Patent Act, 1970.

15-07-1998

1225/Cal/98. HI-FERT Pty. Ltd. "A coating process". (Convention No. P08082 on 18-7-97 in Australia).

1226/Cal/98. Innotech, Inc., "Image quality mapper for progressive eyeglasses". (Convention No. 60/053,824 on 24-7-97 in U.S.A.).

1227/Cal/98. GWO BAO WU, "Non-Invasive penile erection device". (Convention No. 08/895,130 on 16-7-97 in U.S.A.).

1228/Cal/98. Siemens Aktiengesellschaft, "Burner arrangement for a firing unit, in particular a gas-turbine combustion chamber". (Convention No. 19730734.5 on 17-7-97 in Germany).

1229/Cal/98. Matsushita Electric Industrial Co. Ltd., "CDMA radio communication apparatus". (Convention No. 9-207407 on 17-7-97 in Japan).

1230/Cal/98. Hitachi, Ltd., "A vacuum switch and a vaccum switchgear using the same" (Convention No. 9-196757; 9-196758; 9-196756 on 23-7-97 & 9-242390 on 8-9-97 in Japan).

1231/Cal/98. Comsat Corporation, "Apparatus for segmentation, reassembly and inverse multiplexing of packets and ATM cells over satellite/wireless networks". (Convention No. 60/052,539 on 15-7-97 in U.S.A.).

1232/Cal/98. Scaglia SPA, "Method to attach a band of special material onto a support for textile material and the relative support for textile material". (Convention No. UD97A000133 on 24-7-97 in Italy).

1233/Cal/98. Comsat Corporation, "Apparatus for improving a synchronous transfer mode operation over noisy, high speed wireless links". (Convention No. 60/052, 539 on 15-7-97 in U.S.A.).

1234/Cal/98. Comsat Corporation, "Multicarrier demux/demod (MCDD) wireless network architecture". (Convention No. 60/052539 on 15-7-97 in U.S.A.).

1235/Cal/98. Comsat Corporation, "An apparatus for a sembling and disassembling a plurality of frames of a communication signal". (Convention No. 60/052539 on 15-7-97 in U.S.A.).

1236/Cal/98. Nate International, "Modular filtration system". (Convention No. PCT/US97/15181 on 28-8-97 in U.S.A.).

16-07-1998

1237/Cal/98. Koninklijke Philips Electronics N.V., "Data bus device having means for the allocation of information after a bus reset". (Convention No. 97890151.0 on 29-7-97 in Europe).

1238/Cal/98. Siemens Aktiengesellschaft, "Turbine blade and method of producing a turbine blade". (Convention No. 19732653.6 on 29-7-97 in Germany).

1239/Cal/98. Siemens Aktiengesellschaft, "Cooling-Air distribution in a turbine stage of a gas turbine". (Convention No. 19733148.3 on 31-7-97 in Germany).

1240/Cal/98. Merck Patent Gesellschaft Mit Beschrankter Haftung, "Piperazing derivatives". (Convention No. 19730989.5 on 18-7-97 in Germany).

1241/Cal/98. Lentjes Bischoff GMBH, "Process for removing sulphur dioxide from flue gases, in particular from power station exhaust gases and exhaust gases from waste incinerating plants". (Convention No. 19731062.1 on 19-7-97 in Germany).

1242/Cal/98. Lentjes Bischoff GMBH, "Apparatus for removing SO_3 from flue gas and for producing ammonium sulphate solution which can be further processed to produce valuable substances" (Convention No. 19731062.1-43 on 19-7-97 in Germany).

1243/Cal/98. Intel Corporation, "Impedance control circuit". (Convention No. 08/902,345 on 29-7-97 in U.S.A.).

1244/Cal/98. J. M. Huber Corporation, "Semi-Bluk vacuum packer for fine low bulk density dry powders". (Convention No. 08/926989 on 10-9-97 in U.S.A.).

1245/Cal/98. Nu-Chem Inc., "Method of making high-temperature glass fiber and thermal protective structures". (Convention No. 08/895918 on 17-7-97 in U.S.A.).

1246/Cal/98. Donald G Flaynik, Jr., and Michael R Colburn, "Static discharge device for electrically non-conductive fluids". (Convention No. 08/895,751 on 17-7-97 in U.S.A.).

17-07-1998

1247/Cal/98. Nippon Thermostat Co. Ltd, "Device for controlling the cooling system of internal combustion engine and method for controlling such cooling system".

1248/Cal/98. Long-Hsiung Chen, "Safety vacuum syringe for blood sampling conformed to ergonomics".

1249/Cal/98. Long-Hsiung Chen, "Safety syringe for intravenous injection with a guided plunger".

1250/Cal/98. Gottlieb Binder GMBH & Co., "Bonding member". (Convention No. 19732763.9 on 28-11-97 in Germany).

1251/Cal/98. Gottlieb Binder GMBH & Co., "Fastening system for a vehicle seat". (Convention No. 19808995.3 on 3-3-98 in Germany).

1252/Cal/98. Siemens Aktiengesellschaft, "Heat-Resistant guide blade, leading blade edge, and blade body". (Convention No. 19734273.6 on 7-8-97 in Germany).

1253/Cal/98. Otsuka Pharmaceutical Co. Ltd., "Carbostyril Derivatives". (Convention No. 09-222431 on 19-8-97 in Japan).

1254/Cal/98. Patent-Treuhand-Gesellschaft Fur Elektrische Gluerlampen mbH., "An optically translucent polycrystalline sintered body suitable for the manufacture of a discharge vessel for lamps". (Divided out of No. 632/Cal/94 antidated to 8-8-1994).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Ind. Cl. : 167 G, 181691

Int. Cl.[6] : B01D, 15/00, 19/00.

AN IMPROVED DEVICE FOR SEPARATION OF PARTICULATE MATTER AND STREAM FROM CARRIER MEDIUM AND METHOD THEREOF.

Applicant : PRABHAT KUMAR, OF C-5/16 SAFDERJUNG DEVELOPMENT AREA, NEW DELHI-110016, INDIA.

Inventor : PRABHAT KUMAR.

Application for Patent No. : 33/Del/89 filed on 17 Jan. 1989.

Comp. after Prov. Spec. 17-4-90.

Appropriate Officer for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

(Claims 6)

A device for separation of particle and stream from carrier medium (19) comprising a housing (13) atleast a hollow spinning (21) body said housing with an external portion and internal portion and said hollow spinning body on said inner portion; said housing with atleast an exit port (2) on said external portion influid communication with innerside of said hollow spinning body, shell of said spinning body of atleast a layer ([28], 7) with apertures ([21,b]) characterised in that the said apertures with engled ([9], [10]) surface atleast on te trailing ([8], [28]) part of the aprature on the spinning body; said innerside of hollow spinning body in communication through said carrier medium under a pressure gradient to cause flow from said inner portion to said exit port of said housing through said apertured wall on said hollow spinning body; particles smaller than the aperture intercepted and deflected away from the carrier stream flow by impection by said angled surface apertures on said spinning body and separated from carrier medium stream passing through said apertures of said exist port.

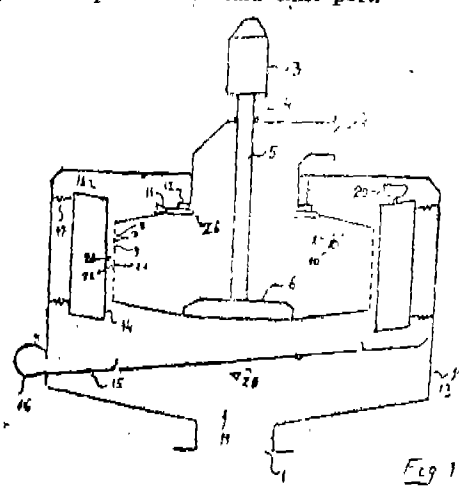


Fig 1

(Prov. Spec. 2 pages, Comp. Spec. 10 pages, Drgns. :1 Sheet)

Ind. Cl. : 39 N 181692

Int. Cl. : C01G 37/14.

A PROCESS FOR THE MANUFACTURE OF ALKALINE CHROMATES FROM CHROMIUM MINERALS AND AN APPARATUS FOR THE MANUFACTURE OF THE SAME.

Applicant : LUIGI STOPPANT S.P.A., CORSO MAGENTA, 85, 20123, MILAN, ITALY.

Inventors :
(1) BRUZZONE GIUSEPPE,
(2) PERRONE DIEGO,
(3) PARODI ALFREDO.

Application for Patent No. : 379/Del/91 filed on date 29-4-91.

Appropriate Officer for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

(Claims 15)

A process for the manufacture of alkaline chromates from minerals and/or substances containing trivalent chromium compounds in the presence of alkali such as herein described by oxidative disaggregation wherein said oxidative disaggregation is carried out in dry phase in a reactor by heating the mixture of said minerals and/or substances at a temperature of 500°C to 1200 °C in a controlled atmosphere in the presence of oxidizing gases having an oxygen concentration between 8 and 100% in a reactor for at least 10 minutes to obtain alkaline chromates and

if desred adding predetermined amounts of oxidizing compounds to said mixture to control the desired oxygen concentration in the reaction.

(Comp. Specns. : 27 pages; Drgns. : 3 Sheets)

Ind. Cl.[4] : G 01 F, 1105 181698

Int. Cl.: 80 C.

A FILTER FOR CAUSING A FILTRATION OF AVIATION FUEL.

Applicant : PUROLATOR INDIA LIMITED, OF SRI AUROBINDO MARG, NEW DELHI-110 016,, INDIA.

Inventor : SUNIL KAUR.

Application for Patent No. : 427/Del/91 filed on date 17-5-91.

Appropriate Officer for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

(Claims 6)

A fuel filter for causing a filtration of aviation turbine fuel comprising a perforated centre tube for supporting an element pack in the form of pleated paper provided around said tube for filtering dust and water from the fuel, an outer retainer adhered to said element pack, an outer media being a coalescing media comprising a plurality of wraps being provided surrounding said outer retainer for increasing the size of the water droplets, mean having a stocking net provided there with being supported on said outer filter media

for further increasing the size of the water droplets, and an end cap having sealing gasket being provided at either ends of said filter.

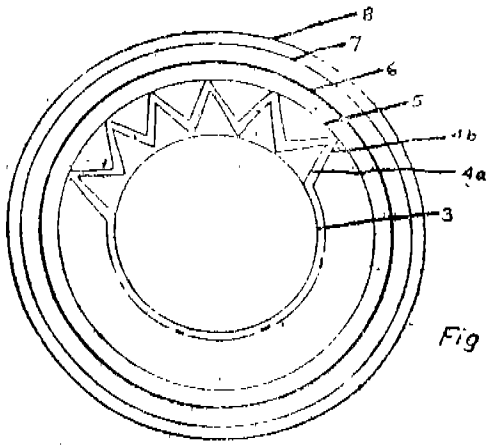


Fig 2

(Compl. Specn. : 9 pages, Drgns. : 1 Sheet)

Ind. Cl. : 40F, 70B, 70C 5 181694

Int. Cl.[4] : C 25 B 11/00,
13/00, C 08 J 5/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF POLYVINYL ALCOHOL MEMBRANES CONTAINING IMMOBILIZED ENZYMES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :
1. NARAYAN BHAGWANDAS TULSANI
2. JOHN OSWALD
3. ASHOK KUMAR
4. ARVIND PURUSHOTHAM JOSHI.

Application for Patent No. 213/Del/92 filed on 10th Mar 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims

An improved process for the preparation of polyvinyl alcohol membranes containing immobilized enzymes which are useful in the preparation of membrane electrodes which comprises :

(a) dissolving the polyvinyl alcohol in phosphate buffer of ph 5.5 to 7.0,

(b) dissolving the enzyme to be immobilised in the same buffer and adding to PVA Solution abtained instep (i) followed by thorough mixing,

(c) allowing the mixture to stand at a temperature in the range of 20—35°C eand removing the airbubles at the surface,

(d) pouring the said clear mixture on to a clean glass plate and uniformly spreading to desired thickness,

(e) keeping the plate on a ice bath and exposing to UV light for a period ranging from 30—180 min.

(f) air-drying the film and storing it overnight at 4—15°Cin a desiocator containing fuses $CaCl_2$,

(g) peeling off the film from the plate and immersing it in a solution of cross-linking reagent such as glutaralehyde, dimethyl subermidate maintained at a temperature of 4—15°C and incubating for 30—180 min.,

(h) decanting the cross-linking agent and washing the membrane with chilled phosphate buffer,

(i) immersing the membrane in a tris-glycine buffer to remove the excess cross-linking agent,

(j) decanting the tris-glycine buffer and washing the membrane with phosphate buffer again,

(k) spreading the wet membrane containing immobilised enzyme on a glass plate and air-drying,

(l) peeling of the dried membrane from the glass plate,

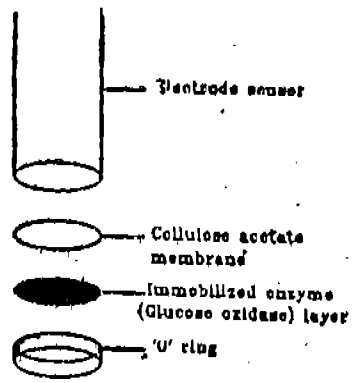


Figure 1.

(Compl. Specn. 19 pages; Drng. 1 sheet.)

Ind. Cl. : 55E, 181695

Int. Cl. : A 61 K 31/00.

PROCESS FOR THE MANUFACTURE OF E-ROTAMER OF 7-ACYL-AMINO-3-HYDROXY -OEPHEN- 4-CARBOXY-LATE-1-OXIDE.

Applicant : RANBAXY LABORATORIES LIMITED 19, NEHRU PLACE, NEW DELHI, INDIA.

Inventors :
1. JAG MOHAN KHANNA
2. YATENDRA KUMAR
3. ARUN MALHOTRA
4. RAKESH ARORA
5. NEERA TIWARI.

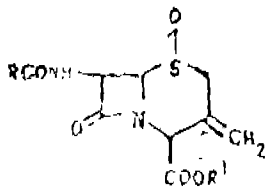
Application for Patent No. 700/Del/92 filed on 10th Aug, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005

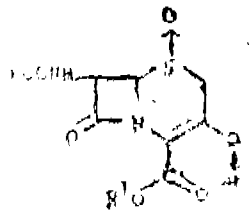
6 Claims

A process for the manufacture of E-Rotamer of 7-acylamino-3-hydroxy-cephem- 4-carboxylate-l-oxide of the formula IH in which R is phenyl lower alkyl, phenoxy tower alkyl or thienyl lower alkyl and R^1 is benzyl, p-methoxybenzyl, p-nitrobenzyl or diphenylmethyl group which process comprises reacting 7-acylamaino-3-exomethylene- cephem- w-carboxylate-1-oxide of the formula I with ozone gas in an inert organic solvent in the presence of an organic or inorganic base at a

temperature ranging from —40°C to +5°C to yield the desired E-rotamer of 7-acylamino-3-hydroxy- cephem-4-carboxylate-1-oxide.



Formula I



Formula II

(Compl. Specn. 8 pages; Drgns. 5 sheets.)

Ind. Cl. : 32 C 181696

Int. Cl.[5] : C07K 15/00.

A PROCESS FOR THE PREPARATION OF DIFLOURO PENTAPEPTIDE AND ITS PHARMACEUTICALLY ACCEPTABLE DERIVATIVE.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS, OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER AND GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATES OF AMERICA.

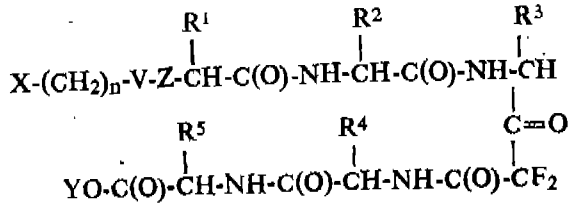
Inventors : JOHN MCMILLAN MCIVER.

Application for Patent No. 1459/Del/93, filed on December 22, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

1. A process for production of difluoro pentapeptide and its pharmaceutically acceptable derivative having the structure



wherein

(a) X is selected from the group consisting of cyclic alkyl having from 4 to about 15 carbon atoms; branched alkyl having at least two branches having from 6 to about 15 carbon atoms; and aryl having from 6 to about 15 carbon atoms;

(b) n is an integer from 0 to 2;

(c) -V- is selected from the group consisting of -OC(O)-, -N(Q)C(O)-, -N(Q)C(S)-, -C(O)-, -SO_2-and-P(O)(OH)-;

(d) -Q is hydrogen; or straight or branched chain alkyl, saturated or unsaturated with 1 or 2 double bonds, having from 1 to 6 carbon atoms; or -Q and -X are covalenetly linked forming a cyclic moiety which includes the nitrogen to which -Q is bonded and from about 5 to about 20 carbon atoms;

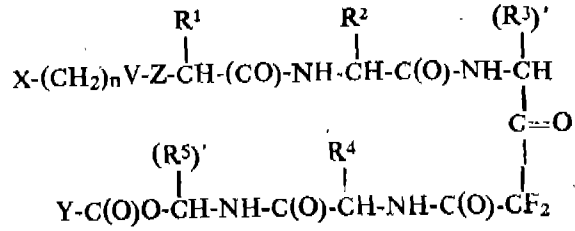
(e) Z is -O- or -NH-; when V is -OC(O)-, -Z- is -NH-;

(f) $-R^1$, R^2 and R^4 are seleceted from the group consisting of straight or branched alkyl, saturated or unsaturated with 1 or 2 double bonds, having from 1 to about 6 carbon atoms; cyclic alkyl, saturated or unsaturated with 1 or 2 double bonds, having from 3 to about 10 carbon atoms; and arylalkyl wherein the aliphatic portion is saturated and has 1 or 2 carbon atoms; and the carbon atoms bonded to $-R^1$, R^2 and R^4 are in either D or L configuration;

(g) $-R^3$ and R^5 are $-(CH_2)$m -A-NH_2 or -(CH_2)m-A-B-C(NH_2)=NH wherein m is an integer from 1 to about 6, -A- is a covalent bond or p- phenyl or p-cyclohexyl, and -B- is a covalent bond or -NH-; and the carbon atom bonded to $-R^5$ is in L configuration and the carbon atom bonded to $-R^3$ is in either D or L configuration; and

(h) -Y is hydrogen or methyl,

which comprises reducing by a method as hereinbefore described a compound of the formula;



wherein

V, X, Y, Z, R^1, R^2, R^4, Y and n are as defined above,

R^3)' is (CH_2)m A NH Prot or (CH_2)m A B C (NH Prot) = N Prot where Prot is a protecting group such as benzyloxy carbonyl and A, B and m are as defined above and

(R^5)' is (CH_2)m A NH NO_2 or (CH_2)m A B C ($NHNO_2$) = where A, B and m are as defined above, such reduction being effected under conditions to remove the protecting groups from (R^5) and convert the $NHNO_2$ groups of (R^5) to NH_2 groups.

(Compl. Specn. 38 pages; Drngs. Nil.)

Ind. Cl. : 32 F 2(b) 181697

Int. Cl. : C 07 D 501/18.

PROCESS FOR DE-ESTRIFICATION OF A CEPHALOSPORIN p-NITROBENZYL ESTER.

Applicant : RANBAXY LABORATORIES LIMITED, A-11, SAS NAGAR, DISTT. ROPAR, PUNJAB-160055, INDIA.

Inventors :

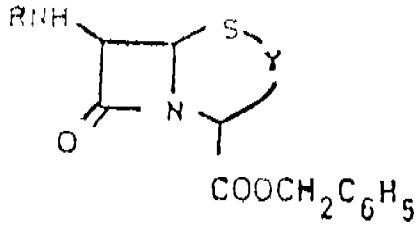
1. JAG MOHAN KHANNA
2. YATENDRA KUMAR
3. RAKESH KUMAR ARORA
4. NEERA TIWARI
5. SHAILENDRA KUMAR SINGH.

Application for Patent No. 474/Del/94 filed on 22nd April, 1994.

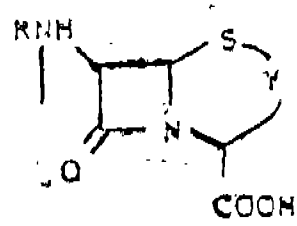
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patents Office Branch, New Delhi-110005.

6 Claims

A process for de-estrification of a Cephalosporin p-nitrobenzyl ester of Formula I as shown wherein R is hydrogen, phenylacetyl,

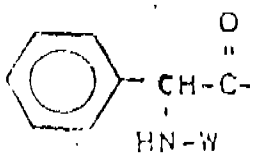


FORMULA I

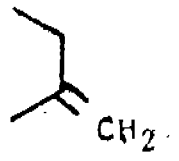


FORMULA II

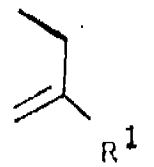
phenoxy acetyl or is a group of Formula III as shown wherein W is hydrogen or t-butoxy carbonyl, Y is a group of Formula IV or



FORMULA III



FORMULA IV



FORMULA V

Formula V wherein R' is chloro, bromo, methyl, halomethyl or methoxy to provide the corresponding free acid represented by Formula II which process comprises treating the said ester with a metal herein specified and Hydrochloric acid in a mixture of water and water miscible organic solvent at a temperature from 25—65°C.

(Compl. Specn. 10 pages; Drng. 1 sheet.)

Ind. Cl. : 55 E4; 32 (C) 181698

Int. Cl. : A 61 K 31/00

PROCESS FOR THE MANUFACTURE OF PHARMACEUTICAL GRADE RANITIDINE BASE.

Applicant : RANBAXY LABORATORIES LIMITED, 19, NEHRU PLACE, NEW DELHI.

Inventors : JAG MOHAN KHANNA, NARESH KUMAR, BRIJ KHERA, PURNA CHANDRA RAY.

Application for Patent No. 588/Del/94 filed on 13th May, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A process for the manufacture of pharmaceutical grade N-[2-[[[5-(Dimethylamino) methyl]-2-furanyl] methyl] thio] ethyl-N'-metsyl-2-nitro-1, 1-ethenediamine (Ranitidine base) comprising reacting N-methyl-1-(methylthio)-2-nitroetheneamine and 2-[[[5-(Dimethylamino) methyl-2-furanyl] methyl] thiol] ethanamine in water upto reflux temperature, the reaction mixture is acidified with a mineral acid or an organic acid to adjust its pH to 4-5, extracting the reaction product with a water immiscible solvent such as chlorinated hydrocarbons, aromatic hydrocarbons, and ketones, separating Ranitidine base by adjusting the pH to 9-10 with a basifying agent as herein described, adding a suitable organic solvent as herein described, and a miscible solvent as herein described to complete crystallisation of Ranitidine base which is filtered off and collected, the crude Ranitidine base so obtained is again crystallised using the said suitable organic solvent and a miscible solvent to yield pharmaceutical grade Ranitidine bae.

Compl. specn. 7 pages; Drgn. 1 sheet.

Ind. Cl. : 32 F 1, 55 E 4, 32 F2 b 181699

Int. Cl. : A 61 K,31/00.

PROCESS FOR THE PREPARATION OF RANITIDINE HYDROCHLORIDE FORM I.

Applicant : RANBAXY LABORATORIES LIMITED, 19, NEHRU PLACE, NEW DELHI, INDIA.

Inventors : JAG MOHAN KHANNA, NARESH KUMAR, BRIJ KHERA, MAHAVIR SINGH KHANNA.

Application for Patent No. 589/Del/94 filed on 13th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A process for the preparation of Ranitidine hydrochloride Form I comprising dissolving Ranitidine base (N-[2-[[[5-(Dimehylamino) methyl-2-furanyl] methyl] thio] ethyl]-N'-methyl-2-nitro-1, 1-ethenediamine) in a solvent comprising a lower alkanol containing C_1 to C_3 carbon atoms and/or a hydrocarbon solvent or a ketone or ester and containing hydrogen chloride, at temperature of about 10°C to reflux temperature and then crystallising therefrom Ranitidine hydrochloride Form I.

Compl. specn. 8 pages; Drawing 1 sheet.

Ind. Cl. : 55 E_4 181700

Int. Cl.[4] : A 61 35/78.

PROCESS FOR THE PREPARATION OF A NOVEL AYURVEDIC ANTI-POLUTION MEDICINE.

Applicant : MANTRA HEALTH & HERBAIS PRIVATE LIMITED, 106A, GAUTAM NAGAR, NEW DELHI-110 094.

Inventor : DR. KUMAR NITYANAND.

Application for Patent No. 1203/Del/94 filed on September 26, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims

A process for the preparation of an Ayurvedic anti-pollution medicine which process consists in finely grinding and mixing the following ingredients in the proportions stated below :

1. Are ca Catechu—5 to 12 mg.
2. Acacia Catechu—5 to 12 mg.
3. Elettarin Cardamomum—5 to 12 mg.
4. Caryophyllus Aromaticus—5 to 12 mg.
5. Glycyrrhiza Glabra—15 to 20 mg.
6. Pistacia Integerima—12 to 18 mg.
7. Saxifraga Ligulata—3 to 8 mg.
8. Rubia cordifolia—10 to 15 mg.
9. Foeniculum Vulgare—8 to 12 mg.
10. Cinnamomum Zeylanicum—8 to 12 mg.
11. Fentha Piperita—3 to 8 mg.
12. Ammonil Chloridum—3 to 8 mg.
13. Sugar—10 to 15 mg.
14. Styras Benzoin—12 to 18 mg.

Compl. specn. 6 pages; Drgn. Nil.

Cl. : 187 C 181701

Int. Cl. : H 04 B 5/06, 5/04.

A CELLULAR TELEPHONE FOR USE IN A CELLULAR TELECOMMUNICATION NETWORK OF THE TYPE HAVING A CUSTOMER ACTIVATION CENTRE.

Applicant : BELLSOUTH INTERNATIONAL, INC., OF 1100 PEACHTREE STREET, N. E. ATLANTA, GEORGIE 30309, UNITED STATES OF AMERICA.

Inventors : 1. GREGORY CLYDE; 2. RICHARD ALLEN GUIDOTTI 3. DAVID A. SAITTA; 4. DANIEL P. NORMAN.

Application No. : 318/Cal/1994 filed on 29th April, 1994

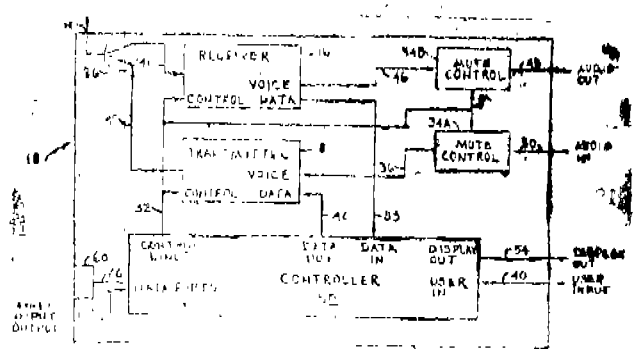
Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta

3 Claims

A cellular telephone for use in a cellular telecommunications network of the type having a customer activation center (CAC), said cellular telephone comprising a display device (90) for providing first prompts and second prompts to a user of said cellular telephone and for accepting first responses from said user to said first prompts and second responses from said user to said second prompts, a radio frequency (RF) transmitter (18) for sending information to said CAC, and an RF receiver (16) for receiving information from said CAC; said cellular telephone comprising :

a memory device (62) said memory device containing first operating instructions which cause a display of said first prompts to said user of said cellular telephone, said first prompts being for said user to provide a user name, a user address, and a user credit card number, said memory device further containing second operating instructions which cause a display of said second prompts to said user, said second prompts being for instructing said user how to program a valid mobile indentification number (MIN) into a said cellular telephone, said memory device further containing a dummy MIN for said cellular telephone; and

a controller (50) connected to said memory device, connected to an input device (86), connected to said display connected to said RF receiver and connected to said RF transmitter for causing said display to provide said first prompts to said user in response to said first operating instructions, for accepting said first responses from said input device (86), for causing said RF transmitter to send said dummy MIN and said first responses to said CAC, for receiving a valid MIN for said cellular telephone from said CAC via said RF receiver for causing said display to provide said valid MIN to said user, for causing said display to provide said second prompts to said user in response to said second operating instructions, and responsive to said second responses for programming said valid MIN into said cellular telephone.



Compl. specn. : 32 pages; Drgns. : 5 sheets.

Cl. : 201 D 181702

Int. Cl. : B 03 D 3/06.

A PROCESS FOR REMOVING DISPERSED SOLIDS FROM LIQUID PARTICULATE DISPERSION SYSTEMS.

Applicant : CYTEC TECHNOLOGY CORP. OF 1105 NORTH MARKET STREET, SUITE 1300, WILMINGTON, STATE OF DELAWARE 19801 UNITED STATES OF AMERICA.

Inventor : DAN STEPHEN HONIG.

Application No. : 422/Cal/1994 filed on 7th June, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

7 Claims

A process for removing dispersed solids from liquid particulate dispersion systems, comprising adding to a liquid system having dispersed therein finely divided solid particles :

(i) from about 0.05 to about 10 pounds per ton, based upon the dry weight of the particles, of an anionic, organic cross-linked polymeric microbead and

(ii) from about 0.05 to about 20 pounds per ton, same basis, of a polymeric material selected from the group consisting of ethylene imine polymers, modified polyethylenimines and mixtures thereof.

(Compl. speen : 26 pages Drgn. : Nil)

Cl. : 32 E 181703

Int. Cl. : C 08 F 38/02, 110/02, 210/02.

A PROCESS FOR THE HOMO OR CO-POLYMERIZATION OF OLEFINS USING SUPPORTED HETEROGENEOUS CATALYST.

Applicant : MONTELL TECHNOLOGY COMPANY BV., OF HOEKSTEEN 66, 2132 MS HOOFDDROP, THE NETHERLANDS.

Inventors : 1. ENRICO ALBIZZATI,
2. TIZIANO DALL 'OCCO,
3. LUIGI RESCONI,
4. FABRIZIO PIEMONTETESI.

Application No. : 520/Cal/1994 filed on 4th July, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

8 Claims

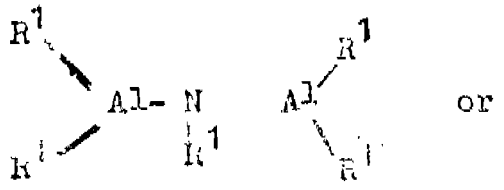
A process for the homo or copolymerization of olefins comprising the reaction of one or more olefinic monomers in the presence of a supported heterogeneous catalyst comprising the contact product of :

(A) a porous polymeric organic support such as hereinbefore described functionalised with an amount of groups having active hydrogen atoms higher than 0.2 milliequivalents for each gram of solid support, said organic support being optionally precontacted with at least an aluminium alkyl compound of formula (VI) :

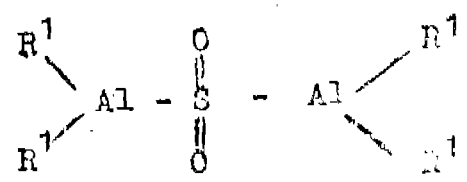
$$R^1_q\ Al\ X_{3-q} \qquad (VI)$$

wherein R^1 is selected from the group consisting of alkyl, alkenyl, aryl, alkaryl and aralkyl radicals, containing from 1 to 10 carbon atoms, X is selected from hydrogen and halogen atoms, q is an integer comprised between 1 and 3;

(B) at least one organometallic compound of aluminium such as hereinbefore described containing at least one heteroatom selected from oxygen, nitrogen and sulfur, said compound being a linear, branched or cyclic alumoxane or a compound of formula :



wherein the substituents R^1, the same or different from each other, are hydrogen, alkyl, alkenyl, aryl, alkaryl or aralkyl radicals, containing from 1 to 20 carbon atoms, optionally containing Si or Ge atoms or Si $(CH_3)_3$ groups; and



(C) at least one compound of a transition metal such as hereinbefore described selected from the groups IV b, Vb or VIb of the periodic table of the Elements, containing at least one ligand of the cyclopentadienyl type.

(Compl. speen. : 72 pages Drgn. : Nil).

Cl. : 40 B 181704

Int. Cl. : B 01 J 37/02

PROCESS FOR THE PRODUCTION OF CARRIER CATALYST FOR THE PREPARATION OF VINYLACETATE.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-65926 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors :
(1) ROLAND ABEL
(2) KARL-FRED WORNER.

Application No. 522/Cal/1994 filed on 4th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

7 Claims

A process for producing a surface impregnated catalyst comprising palladium, potassium and the third metal is selected from cadmium and barium on porous support particles which comprises impregnating at a temperature above 70°C the support particles once or a plurality of times with at least one solution of at least one salt of each of the three elements and immediately drying the support particles after each impregnation, with the dynamic viscosity of the solution being at least 0.003 pa.s and the solution volume in each impregnation being more than 80% of the pore volume of the support particles, and with the duration of each impregnation and also the time until commencement of the drying following this impregnation being selected so as to be sufficiently short for, after completion of the last drying the specified metal salts to be present in an outer layer of from 5% to 80% of the pore volume of the support particles.

(Compl. Specn. 18 Pages: Drgns. Nil)

Cl. : 37 A 181705

Int. Cl. : B 04 B 9/04, 9/12

A CENTRIFUGAL SEPARATOR WITH FULL LOAD STARTING.

Applicant : KYFFHAUSER MASCHINENFABRIK ARTERN GMBH, OF R. BREITSCHEID-STR. 15/16, 0-4730 ARTERN, GERMANY.

Inventors :

(1) RALF HOROLDT

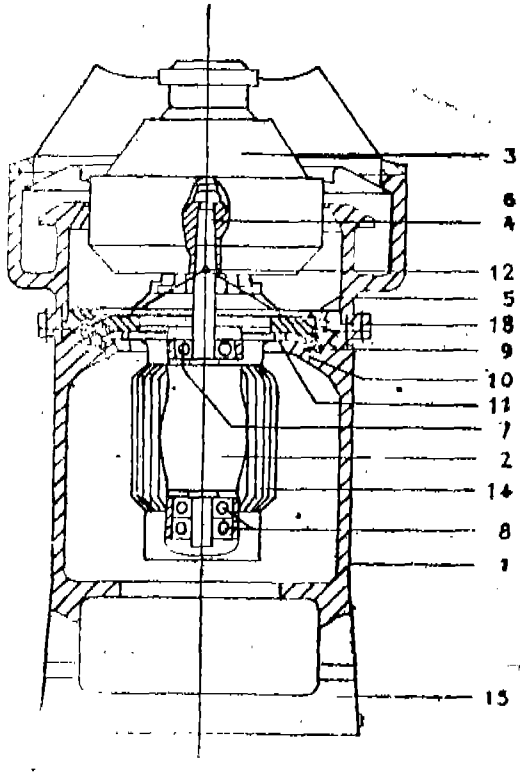
(2) LEO STICKEL.

Application No. 572/Cal/1994 filed on 20th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

6 Claims

A centrifugal separator with full-load starting comprising a housing (1), a rotary separator drum (3) arranged in the housing, a motor having a rotor (2) and a stator (14) and frequency-controlled to provide full-load starting, an upright drive spindle (4) rigidly connected to the drum and directly driven by the motor, and mounting means (7, 8) mounting the saft in such a manner as to at least partly absorb radial and axial forces generated by a rotational system (16) comprising the drum, rotor and shaft characterised in that the rotational system (16) being non-resiliently mounted in an oscillatable constructional unit (17) comprising the rotational system, the stator (14) and a bearing support (5) disposed between the stator and drum (3) and rigidly connected to the stator, and the unit being resiliently connected to the housing (1) in axial and radial directions by way of bearing support and resilient means (9) absorbing avial and radial forces from the rotational system, the resilient means being so arranged between the bearing support and the housing on a circle around the unit that a line of action of the restoring force of the resilient means passes through the centre of mass and of the unit.



(Compl. Specn. 16 Pages; Drgns. 4 Sheets)

Cl. : 129 F 181706

Int. Cl. : B 23 C 5/06

FINISH MILLING CUTTER.

Applicant : WIDIA HEINLEIN GMBH, OF AN DER BRUECKE, D-91586 LICHTENAU, GERMANY.

Inventors :

(1) REINHOLD STELLWAG

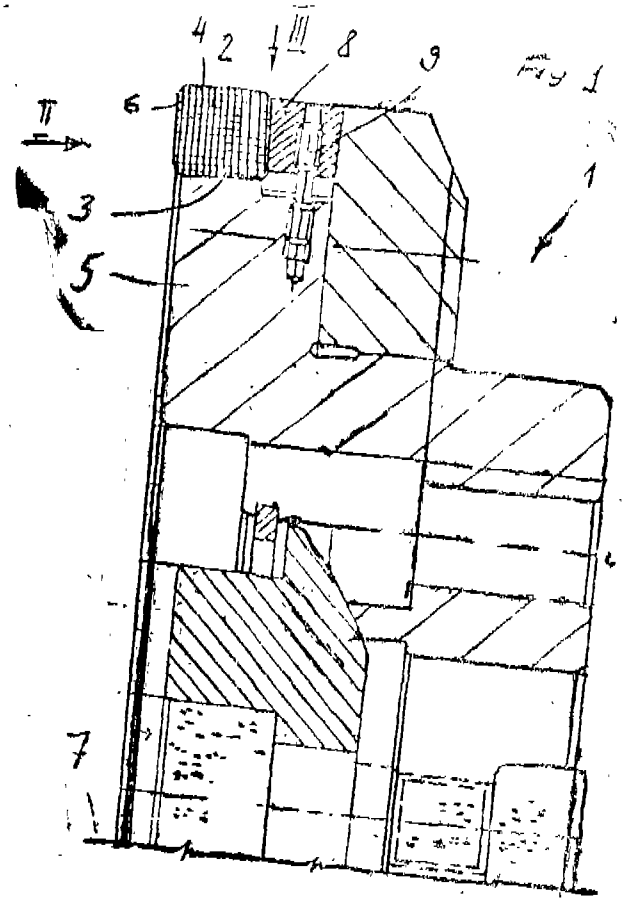
(2) WALTER THURNWALD.

Application No. 578/Cal/94 filed on 22nd July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

8 Claims

Finish milling cutter (1) comprising at least one adjustable cutting insert (2) which is arranged in the sides of a milling cutter body (5) in a groove (3), the said cutting insert has a main cutting edge (4) radially outside and at the circumference of the milling cutter basic body (5) and a finish cutting edge which is the auxilary cutting edge (6) and which is adjustable and producing the final dimension or the surface being produced, the finish cutting edge comprises and adjustable element (8) which is essentially wedge shaped and is adjustable in the radial direction with the help of a double threaded screw (9) through which an adjustment of the cutting insert (2) in axial direction is achieved, the clamping of the cutting insert is achieved with the help of a clamping element which is like wise wedge shaped and is supported on one side with at least one surface (11) on the milling cutter basic body and lies on a surface (13) on the cutting insert, where in the clamping element (10, 10a', 10b, 10b', 10c, 10c') having a guiding element adapted as a separate piece than the clamping element for safety against twisting of the milling cutter, is guided in the direction of the adjustable path with formed side surfaces moving slidably.



(Compl. Specn. 7 Pages; Drgns. 3 Sheets)

Cl. : 48 C 181707

Int. Cl. : B 28 B 7/10

A POROUS MOLD FOR MANUFACTURING CERAMICS, SUCH AS SUSPENSION INSULATORS.

Applicant : NGK INSULATORS, LTD., OF 2-56, SUDACHO, MIZ UHO-KU NAGOYA CITY, AICHI PREF. JAPAN.

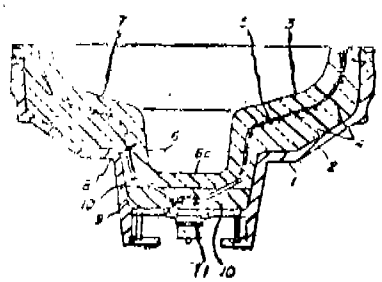
Inventors :
(1) YOSHIO FUUNAHASHI
(2) MASAO KOGAI
(3) KATSURA KASUGAI
(4) HIDEKI KATO.

Application No. 686/Cal/1994 filed on 29th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

6 Claims

A porous mold for manufacturing ceramics, such as suspension insulators comprising a porous mold body including a mold central portion and a mold outer peripheral portion and having mold surface of a shape corresponding to an outer shape of a suspension insulator and other similar ceramics to be manufactured having a small diameter hollow cylindrical central core portion with a closed head portion and a large diameter shed portion extended from the core portion in a radial direction wherein said porous mold body is formed of a material, such as herein described, characterised in that water absorption percentage of a mold surface side portion of the mold outer peripheral portion is larger than that of the mold central portion.



(Compl. Specn. 19 Pages; Drgns. 3 Sheets)

Cl. : 55 D 2 181708

Int. Cl. : B 27 K 3/12, 3/34; A 61 K 7/40

A METHOD OF PROTECTING/PRESERVING WOOD FROM MOISTURE AND/OR BIOLOGICAL ATTACKS.

Applicant : NIPPON EISEI CENTER CO. LTD., OF 6442, YAHO, KUNITACHI-SHI, TOKYO, JAPAN.

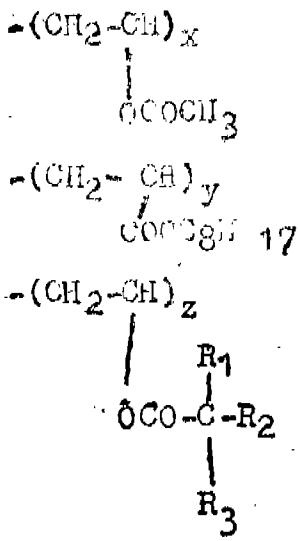
Inventor : TORU IWAKAWA.

Application No. 960/Cal/1996 filed on 27th May, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

10 Claims

A method for protecting/preserving wood from moisture and/or biological attacks which comprises contacting the wood, or the ground surface thereunder, with a foamable liquid containing a foaming agent, and a combination of a urethane based resin, such as herein described, and a synthetic resin emulsion and an anti fungal and wood-preservative agent and/or a pesticide, such as herein described, to give a dried film, thereby creating a barrier to protect wood, said synthetic resin emulsion being a copolymer of



vinyl acetate (X)

2-ethylhexyl acylate (Y)

vinylester of versatic acid (Z)

wherein R_1+R_2 R_3=a total of eight carbons, the foamable liquid being sprayed on said wood or ground surface to create a foamed barrier to protect wood from moisture and/or Biological attacks.

(Compl. Specn. 27 Pages; Drgns. 2 Sheets)

Cl. : 39 A, F 181709

Int. Cl. : C 01 C 3/02

PREPARATION OF HYDROGEN CYANIDE FROM AMMONIA.

Applicant : E I DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, STATE OF DELAWARE 1998, U.S.A.

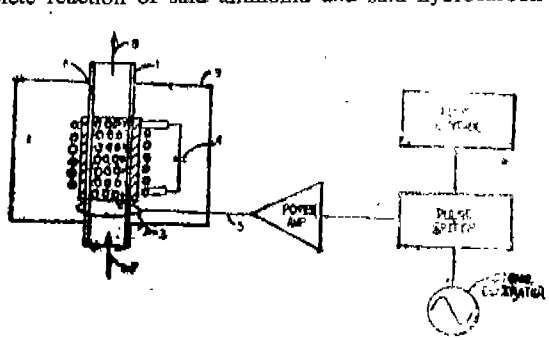
Inventors :
(1) RONALD JACK RIEGERT
(2) MEHRDAD MEHDIZADEH.

Application No. 14/Cal/95 filed on 9th January, 1995.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

9 Claims

A process for the preparation of hydrogen cyanide which comprises essentially in heating providing a reaction zone, disposing a plantinum group-metal catalyst within the volume of said reaction zone, heating said catalyst by induction heating at a frequency of 0.5 to 30 MHz to reaction temperature, passing a mixture of ammonia vapor and a hydrocarbon gas through said reaction zone in contact with said heated catalyst, and recovering hydrogen cyanide, said reaction temperature being sufficient to effect substantially complete reaction of said ammonia and said hydrocarbon gas.



(Compl. Specn. 6 Pages; Drgns. 1 Sheet)

Cl. : 39 E 181710

Int. Cl. : C 01 B 31/30

A PROCESS FOR A DIRECT REDUCTION OF IRON OXIE-CONTAINING MATERIALS IN FLUIDIZED BED WITH A CIRCULATION OF REDUCING GAS.

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF BOCKENHEIMER LANDSTRABE 73-77, D-60325 FRANKFURT AM MAIN, GERMANY.

Inventors :

(1) DR. MARTIN HIRSCH

(2) REZA HUSAIN

(3) DR. ALPAYDIN SAATCHI

(4) WOLFGANG BRESSER.

Application No. 1150/Cal/1997 filed on 17th June, 1997.

(Divided out of No. 449/Cal/94 antidated to 14th June, 1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972). Patent Office Calcutta.

5 Claims

A process for a direct reduction of iron oxide-containing materials in fluidized beds with a circulation of reducing gas, wherein

(a) in a first reducing stage, the iron oxide-containing materials are charged into a fluidized bed reactor of a circulating fluidized bed system, hot reducing gas is supplied as a fluidizing gas to the fluidized bed reactor, the iron oxides are prereduced, a suspension discharged from the fluidized bed reactor is treated in a recycle cyclone of the circulating fluidized bed system to remove substantially all solids and the separated solids are recycled to the fluidized bed reactor in such a manner that the amount of solids which are circulated per hour in the circulating fluidized bed system is at least five times the weight of solids contained in the fluidized bed reactor,

(b) solids from the first reducing stage a) are supplied in a second reducing stage to a conventional fluidized bed, hot reducing gas is supplied as a fluidizing gas to the conventional fluidized bed, the solids are reacted to remove the remaining oxygen content and to convert less than 50% of the iron content to Fe_3C, an exhaust gas from the conventional fluidized bed is supplied as a secondary gas to the fluidized bed reactor employed in the first reducing stage a) and the product which contains Fe_3C is withdrawn from the conventional fluidized bed,

(c) exhaust gas from the recycle cyclone used in the first reducing stage a) is cooled below its dew point temperature and water is condensed from the exhaust gas,

(d) a partial stream of the exhaust gas in drawn off,

(e) the remaining partial stream of the exhaust gas is strengthened by addition of reducing gas and is reheated and is then used as recycle gas, a part of which is supplied as a fluidizing gas to the fluidized bed reactor of the first reducing stage a) and another part of which is supplied to the fluidized bed of the second reducing stage b).

(Compl. Specn. 18 Pages: Drgns. 2 Sheets)

Cl. : 68 C 181711

Int. Cl.[6] : B 60 L 11/12

A DIFFERENTIAL COUPLING AND COMPOUNDING DRIVE AND TRANSMISSION SYSTEM.

Applicant : TAI-HER YANG, OF 32, LANE 29, TOPEI ST., SI-HU TOWN, DZAN-HWA, TAIWAN, REPUBLIC OF CHINA.

Inventor : TAI-HER YANG.

Application No. 78/Cal/94; filed on 08-02-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972). Patent Office Calcutta.

7 Claims

A differential coupling and compounding drive and transmission system comprising :

an internal combustion engine acting as a primary source of rotary power

a pair of driven wheels which constitute front wheels of a vehicle

a gearbox and transmission device disposed relatively behind the engine the transmitting power from the engine to the pair of front wheels and to a rear rotary drive output;

a central transmission shaft connected to the rear drive output of the gearbox and transmission device, the shaft extending rearwardly to transmit rotary power rearwards from the gearbox and transmission device;

a rear differential connected to the central transmission shaft which serves to transmit drive to a pair of rear driven wheels, and an electric motor which forms part of the transmission system such that it can act as a secondary source of rotary power for driving a vehicle;

wherein the electric motor drives the rear differential, the system further comprising a controllable clutch disposed between the ends of the central transmission shaft so as to control the transmission of power of the rear differential from the internal combustion engine and to control transmission of rotary power generated by the electric motor from the rear differential to the pair of front wheels,

the rear differential including a pinion gear which receives drive from the central shaft, a big gear which is matched with and is driven by the pinion gear, two differential gears which are driven by the big gear and which themselves drive each of the rear driven wheels, and a further pinion gear matched with and driveable with the big gear, the further pinion gear being connected to the electric motor,

the system further comprising a central control unit, comprising a dynomo and a solid state electronic element, which controls the operation of the electric motor as a motor, as a generator, or in idling operation on the basis of the engine throttle position and the speed of the engine, and which controls the clutch, the system operable in the following modes :

— the engine drives the front wheels only, the clutch being disengaged,

— the engine drives both the front wheels and the rear differential together, the clutch being engaged;

— the electric motor and the engine drive the front and rear wheels together, the clutch being engaged;

— the electric motor drives the rear differential alone, the clutch being disengaged;

— the electric motor drives the rear differential alone, the clutch being disengaged;

— the electric motor operates as a generator whereby rotary drive received by the rear differential is conveyed to the electric motor which generates electric current.

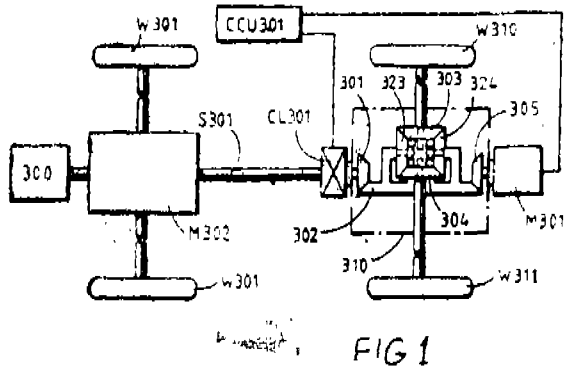


FIG 1

(Compl. Specns. 22 pages; Drgns. : 2 Sheets)

Cl. : 206 C 181712

Int. Cl.: HO 4B—07/26.

RADIO COMMUNICATION SYSTEM.

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., A CORPORATION ORGANIZED UNDER THE LAWS JAPAN, OF 1006, OAZA KADOMA, KADOMASHI, OSAKA, JAPAN.

Inventor : AKIRA SUZUKI.

Application No. : 545/Cal/94; filed on 11-07-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

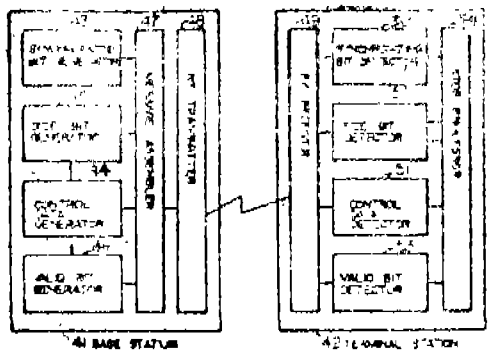
04 Claims

A radio communication system comprising :

a base station (41);

a plurality of terminal stations (42);

setting/assembling/transmitting means (46, 47, 48) provided in said base station for adding a valid bit at or near a top of a message to be transmitted to each said terminal station, setting said valid bit to be inactive if said message can be ignored, setting said valid bit to be active if said message cannot be ignored, and transmitting said valid bit, said message being constituted by a plurality of bits; and valid bit detector means (53) for judging/selecting is provided in each said terminal station for judging whether a valid bit of a received message is inactive or active, and selecting a process to be executed thereafter.



(Compl. Specns. : 20 pages; Drgns. : 11 Sheets)

Cl. : 129 N 181713

Int. Cl.[4] : B 23 K 1/04, 1/19.

METHOD OF BONDING CONTACT FACINGS COMPOSED OF SILVER/METAL OXIDE MATERIALS.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACH 2,80333 MUENCHEN, GERMANY, A GERMAN COMPANY.

Inventor : DR. FRANZ HAUNER.

Application No. : 774/Cal/94; filed on 26-09-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

14 Claims

Method of bonding contact facings composed of silver/at least one metal oxide material such as herein described to a metallic contact carrier, in particular by brazing or welding characterised in that prior to the bonding operation, the contact facings are heat treated without fusion in such a way that said metal oxide is at least partially reduced to metal at least on the solder side at the surface and in the subsurface region of the contact facing.

(Compl. Specns. : 10 pages; Drgns. : 01 Sheet)

Cl. : 74 181714

Int. Cl.[4] : D 03 D 3/00

IMPROVED BALLISTIC STRUCTURE.

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, MANUFACT WILMINGTON, DELAWARE, UNITED STATES OF AMERICA, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : CHITRANGAD.

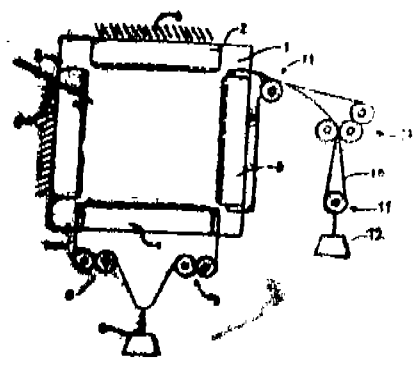
Application No. 790/Cal/93; filed on 16-12-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

4 Claims

An improved ballistic structure characterized in that one or more layers of a fabric of continuous filament yarns as herein described, of tenacity of at least 12 grams/dtex wherein continuous filaments in the structure are under a tension of at least 0.01 grams per dtex and wherein the tension is applied directly on the filaments in the structure by clamping means or tension is applied to the filaments during impregnation of the filaments in a polymeric matrix and during curing of the polymeric matrix.

FIGURE



(Compl. Specn. 8 Pages; Drgns. 1 Sheet)

Cl. : 206 E 181715

Int. Cl. : HQ 4B-5/04

A FREESTANDING - INFORMATION RECEIVER, PARTICULARY A RADIO PAGING RECEIVER.

Applicant : RDS TECHNOLOGIES, A COMPANY ORGANISED EXISTING UNDER THE LAWS OF FRANCE. A GIE (ECONOMIC INTEREST GROUPING) FRANCE, OF 72 RUE REGNAULT, PARIS 13, FRANCE.

Inventors :

(1) JEAN-MICHEL REIBEL

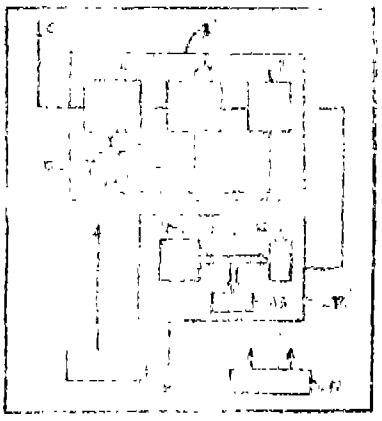
(2) FRANCOIS, ANTOINE BERNHARD.

Application No. 705/Cal/94; filed on 2 Sep. 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A free-standing information receiver, particularly a radio-paging receiver, the information being transmitted on a carrier signal within a plurality of successive time frames each partitioned into a predetermined number of intervals, each of which is allotted to a predetermined group of receivers, comprising control means (16) for activating the receiver (1) at the start of the corresponding allotted time interval (I) of each frame in order to authorize processing of the information transported on the carrier signal, characterised by : an analysis means (12) having a microprocessor (13) in communication with a memory device (15) via a communication bus, said analysis means (12) being connected to said control means, said memory device (15) containing data for identification of the receiver making it possible to associate the receiver (1) with a predetermined sub-group of receivers within the corresponding group, and said analysis means (12) receiving, in the course of the allotted time interval, service information (IS) designating one or more sub-groups and to carry out analysis processing of this service information (IS) having regard to said identification data, said control means (16) de-activating the receiver (1) before the end of the time interval (I) in the event of disagreement between the identification data and the service information.



(Compl. Specn. 16 Pages Drgns. 3 Sheets)

Cl. : 39K, 40B 181716

Int. Cl. : C01B 17/74, C01B 17/79

A PROCESS FOR THE OXIDATION OF SULPHUR DI-OXIDE USING VANADIUM PANTOXIDE CATALYST.

Applicant : AMALESH SIRKAR, OF 5/1B, DOVER PLACE, TOP FLOOR, CALCUTTA-700019, WEST BENGAL, INDIA.

Inventor : AMALESH SIRKAR.

Application No. 1051/Cal/1994 filed on 16th December, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A process for the oxidation of Sulphur di-oxide using vanadium pentoxide catalyst wherein a bed of vanadium pentoxide is held within an enclosure having inlets for reactants and outlets for products characterized in that the catalyst is held in a horizontal tubular reactor or a horizontal pipeline reactor and the entire reactor is linked with a vibration mechanism for imparting oscillations to the tubular reactor and wherein the catalyst is in the form of their cast strips wherein :

(i) a plurality of the cast curved strips are arranged to form a sphere and the top and bottom ends of the strips are joined respectively together using a central spacing flat strip or tubular strip, or

(ii) the catalyst is formed from a plurality of rectangular flat cast strips whose one ends are joined to a circular flat slit disc such that the strips spread out from the central disc in different directions and if desired the intermediate regions of the flat strips are further joined by re-inforcing flat or curved strips.

(Compl. Specn. 9 Pages Drgs. Nil)

Cl. : 129D, 129Q, 129N 181717

Int. Cl. : B23K 1/04

A METHOD OF JOINING TOGETHER ARTICLES OF ALUMINIUM MATERIAL.

Applicant : LEXOR TECHNOLOGIES LIMITED, PF IMOT A7 CA/E; JEMDRE OMDISTROA; ESTATE CA/E; JEMDRE. A, AMFPRD DUFED SA18 3 SF, UNITED KINGDOM.

Inventor : PRIGMORE ROBERT MARSHALL.

Application No. 451/Cal/94 filed on 14-06-94.

(Convention No. 9312328.9, on 15-06-93 in U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

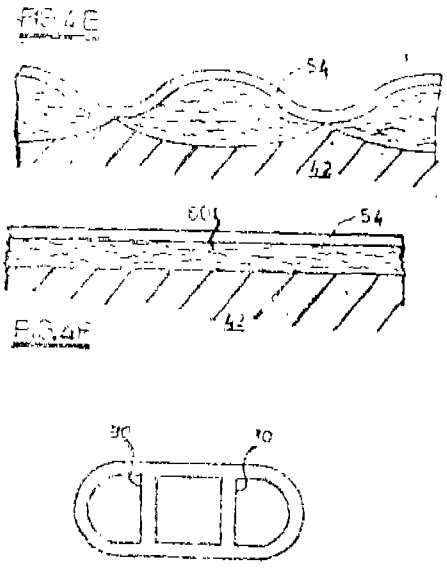
19 Claims

A method of joining together articles of an aluminium material, such as herein described, wherein the method comprises the steps of :

applying to a desired joint region of at least one of said articles a layer of particles of an aluminium brazing material such as herein described, said aluminium brazing material particles being coated with a flux material comprising potassium fluoride and aluminium flouride, said aluminium brazing material particles having been manufactured by atomization of the omlten aluminium brazing material and coated during said manufacture with the molten flux material comprising potassium flouride and alminium fluoride;

retaining said coated aluminium brazing material particles on the surface of said at least on article by; means of a resin such as herein described which is applied to said surface and

raising the temperature of said articles and said coated aluminium brazing material particles so as to cause said particles to melt and from a brazed joint between said articles.



(Compl. Specn. 23 Pages; Drgs. 4 Sheets)

Cl. : 128F, G. 181718

Int. Cl. : A61M 35/00

A PROCESS FOR ASSEMBLING A DEVICE FOR THE CONTROLLED RELEAS OF AN ACTIVE AGENT TO THE SKIN OR MUCOSA OF A HOST.

Applicant : BERTEK, INC, OF 110 LAKE STREET, ST, ALBANS VERMONT 05478, U.S.A.

Inventors :
(1) ALFRED KWIATEK
(2) LUDWIG J. WEIMANN
(3) WAYNE C. POLLOCK
(4) SHARAD K. GOVIL.

Application No. 418/Cal/1994 filed on 06-06-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

37 Claims

A process for assembling a device for the controlled release of an active agent to the skin or mucosa of a host, said process comprising the steps of :

(a) incorporating an active agent such as herein described into a cellular foam layer such as herein described having a first surface and a second surface;

(b) providing a backing layer such as herein described having the second surface of said foam layer and laminating surface of said backing layer so that a luminate of said foam layer and said backing layer is formed wherein said active agent cannot permeate from said second surface of said foam layer to said outer surface of said backing layer; and

(c) providing said laminate with adhesive means for securing said laminate to said skin or mucosa of said host so that said active agent can be controllably released from said first surface of said foam layer thereto, and optionally comprising the step of affixing to said first surface of said foam layer means for controlling the rate at which said active agent is released from said first surface of said foam layer to said skin or mucosa of said host.

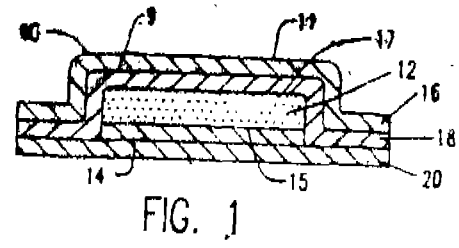


FIG. 1

(Compl. Specn. 55 Pages; Drgs. 5 Sheets)

Cl. : 90I 181719

Int. Cl. : C03C 3/076, 3/085

PROCESS FOR THE PRODUCTION OF A SODA-LIME SILICA GLASS.

Applicant : SAINT-GOBAIN VITRAGE OF "LES MIROIRS" 18, AVENUE D'ALSACE, 92400 COURBEOIE, FRANCE.

Inventors :
(1) PIERRE JEANVOINE
(2) MICHEL LISMONDE
(3) JACQUES VIESLET.

Application No. 716/Cal/94 filed on 07-09-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

Process for the production of a soda-lime-silica glass for the productio nof glasings according to which vitrifiable starting materials are mixed in proportions determined by; the composition of the sought glass, the decomposition and melting of said materials take place in a furnace and then the molten glass is poured onto the surface of a molten metal bath, characterized in that the composition of the glass obtained in this way in the form of plates comprises the following constituents with contents defined by the following limits expressed as percentages by weight :

SiO_2	64 to 75%
Al_2O_3	0 to 5%
B_2O_3	0 to 5%
CaO	2 to 15%
MgO	0 to 5%
Na_2O	9 to 18%
K_2O	0 to 5%
Fe_2O_3	0.75 to 1.4%
(total iron expressed in this form)	
FeO	0.25 to 0.32%
SO_3	0.10 to 0.35%

and optionally, less than 0.1% impurities, said glass having a thickness between approximately 3 to 3.3mm, a total light transmission factor under illuminant A (TLA) of at least 70%, a total energy transmission factor (T_E) below approximately 46% and an ultraviolet radiation transmission factor below approximately 25%.

(Compl. Specn. 10 Pages; Drgs. Nil)

Cl. : 64 B 181720

Int. Cl.[6] : H01R 11/01

MODULE FOR RAPID INTERCONNECTION OF TWO MONOPAIR TELEPHONE LINES.

Applicant : POUYET INTERNATIONAL OF 1, BOULEVARD HIPPOLYTE MARQUES 94200, IVRY-SUR-SEINE, FRANCE.

Inventor : PIERRE BONVALLAT.

Application No. 542/Cal/94 filed on 11-07-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

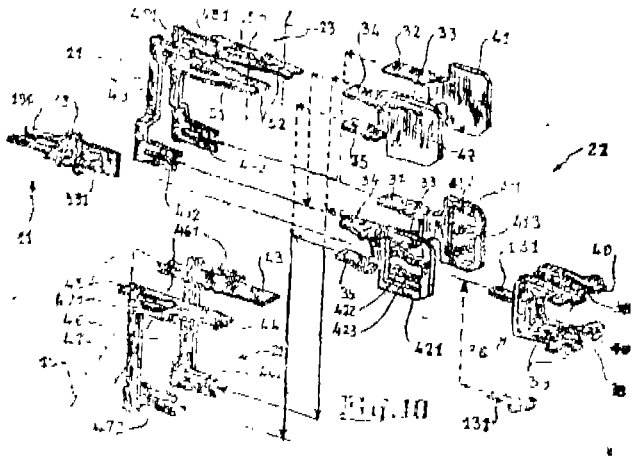
Module for the rapid interconnection of two monopair telephone lines (15, 23) for the interconnection of a monopair line of the telephone network with a subscriber's monopair line, comprising four elements adapted to be assembled on a metal rail (1) for support and grounding :

a first element (11), or base element for connection of the incoming line, which is fixed on this metal rail (1), and which at least comprises two channels (14) for introduction of the two wires (15) of the incoming line, means (8, 9, 10) further being provided to connect the metal rail (1) a metal contact (19) for grounding which traverses this base element (11),

a second element (21), or intermediate element, which covers the first element (11) and which contains the major part (43 to 52) of the connections for linkage between these two telephone lines (15, 23), these connections being in the form of rigid or semi-rigid metal pieces, which are fitted in this intermediate element, a discontinuity (24, 25) of electrical lingage being, however, made therein for each of the two line links (46-48, 47-49), and these connections necessarily comprising, on the one hand, two metal contacts (43, 44) each with at least one self-stripping slot (45) which are prominent in the direction of the metal rail (1) so as to receive, in self-stripping connection action, the two said wires (15) of the incoming line previously introduced in said channels (14) of said base element (11), and necessarily comprising, on the other hand, two other metal contacts (50, 51) each with at least one self-stripping slot (52) which are, a contrario, prominent in the direction opposite the metal rail (1) so as to be able to receive, in self-stripping connection action, the two wires (23) of the outgoing line, which are to be connected to the two respective wires (15) of said incoming line;

a third element (18), or upper element for connection of the outgoing line (23), which is constituted in a manner known per se, as an upper half-bush for rapid, self-stripping connection of a monopair line, and which is therefore conventionally provided with two parallel channels (26) for receiving and guiding the two strands (23) of line to be connected, this third element (18) covering a first part (211) of the second element by mounting, in cooperation with self-stripping connection action, said other two self-stripping metal contacts (50, 51) and this third element (18) being conventionally traversed by a screw (17), median and perpendicular to the metal rail (1), which also completely traverse the second element (21) as well as at least a part of the first element (11) to screw in a nut (16) or tapping, in that case forcing the said three elements (11, 21, 18) to come together and conseqquently ensuring, the self-stripping connection of the four line strands (15, 23);

and a fourth element (22) which covers, by fitting, the remaining part (210) of the second element (21), thus being positioned side by side with the third element (18) and substantially at the same level as the latter, this fourth element (22) thus fitting by five terminals (131, 32 to 35) for electrical connection, of which one terminal (131) for linkage to said metal grounding contact (19) which itself traverses the first (11) and the second element (21), and of which two other pairs of terminals (32, 33 and 34, 35) which are respectively connected to each respective side of said two discontinuities (24, 25) for electrical linkage which are provided in the second element (21), and this fourth element (22) forming receptacle for an electric circuit (41, 42 of 411, 421, 36, 37) which is connected on these five terminals (131, 32 to 35) and which at the minimum ensures the two missing electrical linkages, by reason of said discontinuities (24, 25), in the connections contained in the second element (21).



(Compl. Specn. 19 Pages; Drgs. 7 Sheets)

Ind. Cl. : 172 C2 [XX] 181721

Int. Cl. : D 01 G, 19/26.

COMBING MACHINE WITH ELECTRIC INDIVIDUAL DRIVES FOR SEVERAL AXLES.

Applicant : SPINNEREIMASCHINENBAU LEISING GMBH OF STRABE DER ARBEIT 7—10, PF 30, 04703 LEISNIG, GERMANY, GERMAN COMPANY.

Inventors :

1. HERR PROF. DR. SC. TECHN. DR. H. C. PETER-KLAUS BUDIG.
2. HERR DR.—ING. ANDREAS ECKSTEIN.
3. HERR DR.—ING. ANDREAS HERMEYER.
4. HERR HELMUT SCHNABEL.

Application No. 160/Bom/95 filed on 5-4-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

4 Claims

A combing machine with electric individual drive systems for several axles:

— with an intermittently driven circlar comb, and

— with a nipper apparatus driven synchronously with the circular comb with closing motion,

characterized

in that an electric individual drive system (54, 55) is provided for the intermittent drive of the circular comb (5) this individual drive system (54, 55) acts as an external rotor motor.

The stator (54) of which is arranged on the axle (53) of the circular comb with a stator winding (541), and the rotor of which has a housing (51) concentric with the stator (54), which is part of the magnetic yoke elements of the external rotor motor and to the outer wall of which the comb elements (52) of the circular comb (5) are attached.

(Compl. Specn. 3 pages; Drngs. 2 sheets.)

Ind. Cl. : 172 C 2 [XX] 181722

Int. Cl. : D 01 G, 19/26.

SYSTEM FOR THE SYNCHRONIZED DRIVING OF SEVERAL AXLES IN COMBING MACHINES.

Applicant : SPINNEREIMASCHINENBAU LEISNIG GmbH OF STRABE DER ARBEIT 7—10, PF 30, 04703 LEISNIG, GERMANY, GERMAN COMPANY.

Inventors :

1. HERR PROF. DR. SC. TECHN. DR. H. C. PETER-KLAUS BUDIG.
2. HERR DR.—ING. ANDREAS ECKSTEIN.
3. HERR DR.—ING. ANDREAS HERMEYER.
4. HERR HELMUT SCHNABEL.

Application No. 163/Bom/95 filed on 6-4-95.

GERMANY PRIORITY DATE 17-3-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

9 Claims

A system for synchronised driving of several axles in combing machine having several (individual) electrically driven elements being controlled by an electronic control unit via rectifiers according to their positions and speed values characterised in that the first drive motor (10) having an actual positive valuator is provided for a highly loaded unit (1) to be driven highly dynamically and having a torque behaviour characteristics of the machine and a drive motor (30, 40, 50) is provided for each unit (2, 3, 4) of at least one first group of unit (2, 3, 4) of the combing machine, the said drive motor (10) being provided with a field oriented and controlled unit, which provides the control quantities in the form of position set points to the drive motor (30, 40, 50) on the basis of the current actual position values of the first drive and to at.onal speed of the first drive motor (10) is variable through depending upon the position related torque quantities of each unit.

(Compl. Specn. 26 pages; Drngs. 3 sheets.)

Ind. Cl. . 147 I [LX(3)] 181723

Int. Cl. : 187 E4 [LXI(2)].

AN OMNIDIRECTIONAL ACOUSTIC RADIATING DEVICE.

Applicant & Inventor : PHIROZE ARDESHIR PESTON JAMAS, 14B 'NAVROZE', 66, PALI HILL, BOMBAY-400 050, MAHARASHTRA, INDIA.

Application No. 217/Bom/1995 filed on May 10, 1995.

Complete after provisional filed on Nov 1, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

7 Claims

An omnidirectional acoustic radiating device comprising a tubular cabinet containing sound absorbent material such as thick paper board having :

(i) a base plate mounted on castors on which is mounted a low frequency radiator directing low frequency radiation in an operative downward direction,

(ii) a top plate on which is mounted a speaker radiating mid and low frequency sound in an operative upward direction;

a pedestal mounted on the top plate having attached to it a non-resonant deflecting/dispersing dome of suitable profile adapted to disperse medium and high frequency acoustic radiation incident thereupon in all 360 degrees directions;

a plurality of tweeters beaming high frequency radiation to the dispersing dome for radiating high frequency acoustic radiation in 360 degrees directions; and an input connector for receiving the electroacoustic signals from the output of an amplifier, said connector distributing the electroacoustic signals to the low frequency, mid and low frequency radiators and the tweeters via a crossover network.

(Compl. Specn. 8 pages; Drngs. 2 sheets.)

(Prov. Specn. 3 Pages; Drgns. 1 Sheet)

Ind. Cl. : 55E4 Gr. [XIX (1)] 181724

Int. Cl. : A 61 K-31/565.

A PROCESS FOR MAKING A VAGINAL SUPPOSITORY.

Applicants : LAFOR LABORATORIES LIMITED, A CORPORATION OF DELAWARE HAVING A PLACE OF BUSINESS AT 4400 MACARTHUR BOULEVARD, SUITE 270, NEW PORT BEACH, CALIFORNIA 92660, U.S.A. A U.S. COMPANY.

Inventor : LARRY C. FORD.

Patent Application No. : 243/Bom/1995 filed on 30-05-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

12 Claims

A process for making a vaginal suppository by thoroughly mixing :—

an effective amount of a pharmaceutically acceptable, topically usable antimicrobial agent;

at least approximately 10^8 viable bacteria of the lactobacillus acidophilus species or of its lactobacillus rhamonosus variant, said bacteria being micro encapsulated as herein described, whereby the bacteria stay viable during storage of the suppository in spite of presence of the antimicrobial agent;

a pharmaceutically acceptable excipient;

mixing the resultant mixture with an effective amount of spermicidal agent; and

mixing the resultant mixture with an effective amount of a pharmaceutically acceptable buffer system that buffers the pH of the suppository in the range of 3.0 to 5.0.

(Compl. Specn. 45 pages; Drgs. Nil.)

Ind. Cl. : 196 C 181725

Int. Cl. : F 24 F, 7/00.

CRANKCASE VENTILATOR FOR INTERNAL COMBUSTION ENGINES.

Applicant : FILTERWERK MANN+BMBH, HINDENBURGSTR 37—45, POSTFACH 409, 71631 LUDWIGSBURG, GERMANY.

Inventor : WALTER TREFZ.

Application No. 259/Bom/1995 filed on Jun 8, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

4 Claims

1. Crankcase ventilator for internal combustion engines, comprising a vent (2) line issuing from the crankcase (1), a liquid separator (3) disposed therein, a collecting chamber (7) for the separated liquid with an outlet as well as a connection leading to a vaccum line of the internal combustion engine, characterized in that an additional outlet (12) is provided, which is diametrically opposite the fire; outlet (6).

(Compl. Specn 7 pages; Drng. 1 sheet.)

Int. Cl. : A 61 K 35/78 181726

Jnt. Cl. : 55E

PROCESS FOR PREPARING CONMANGIFERINS FROM PLANT MATERIAL.

Applicants & Inventors : PROF. DR. SHIBNATH GHOSAL & SUDHAKAR AGARWAL, C/O MR. ARVIND GARG, 19 SEA PALACE, JUHU TARA ROAD, SANTACRUZ (W). BOMBAY.

Application No. 115/Bom/96 filed on Feb 29, 96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

11 Claims

Process for preparing conmangiferins from plant material, as herein defined, comprising :

soxhlet extraction (hot, continuous recycling) of plant material with other to remove fatty/lipid matter,

the defatted marc (residue) is subjected to soxhlet extraction with alcohol for pre-determined time,

decanting the alcohol extract from the insoluble plant material (marc),

extracting the merc (after alcohol extraction) with aqueous-alcohol, in a soxhlet fro pre-determined time,

filtering the aqueous-alcoholic cextract,

evaporating the aqueous-alcoholic extract partly under reduced pressure a id partly by spray-drying to get magniferin-O-glycosides (hydrated),

combining mangiferin and mangiferin-O-glycosides in predetermined proportions to get conmangiferins (CMG) for potential use.

Prov. Specn. 7 pages; Drngs. Nil.)
(Compl Specn. 7 pages; Drngs. Nil.)

Ind. Cl. : 55 E 181727

Int. Cl. : A 61 K 35/78.

PROCESS FOR PREPARING CONMANGIFERINS FROM PLANT MATERIAL.

Applicants & Inventors : PROF. SHIBNATH GHOSAL AND SUDHAKAR AGARWAL C/O ARVIND GARG, 19 SEA PALACE, JUHU TARA ROAD, SANTACRUZ (W), BOMBAY, MAHARASHTRA STATE, INDIA. BOTH INDIAN NATIONALS.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

12 Claims

1. Process for preparing Conmangiferins from plant material which comprises of :—

— maceration of fresh green leaves/dried leaves of Mangifera Indica with a ketone or alcohol or water, in a high speed blender, as herein defined,

— adding further alcohol to 20% of the volume of macerate and warming the macerate mixture at 60—70°C, to deactivate the glycosidases (hydrolytic enzymes),

— filtering the material to separate insoluble substances,

— evaporating the solvent from the above (ketone or alcohol or water extract) extract by heating to get a brownish-green viscous residue,

— dispersing the said residue in water to get a syrupy aqueous dispersion,

— extracting the aqueous dispersion, successively with ether and ester to remove undesirable constituents as ether and ester soluble materials; Mangiferin separates at the interface of water ester layers,

— collecting mangiferin by filtration,

— extracting the aqueous mother liquor (after separation of mangiferin) with *n*-butyl alconol,

— separating the *n*-butyl alcohol extract from the water layer in a separator,

— evaporating the butyl alcohol layer by heating under reduced pressure, and partly by spray-drying to get mangiferin-O-glycosides (hydrated) as a viscous residue,

— combining mangiferin and its *O*-glycosides in predetermined ratio to get Conmangiferins.

(Prov Specn. 8 pages; Drngs. Nil.)
(Compl. Specn. 8 pages; Drngs. Nil.)

Ind. Cl. . 55E 181728

Int. Cl. : A 61 K-31/12, 31/44, 31/47.

A PROCESS FOR MANUFACTURE OF PYRID-2-YL-2, 8-BIS (TRIFLUOROMETHYL) QUINOLIN-4-YL KETONE.

Applicants : LUPIN LABORATORIES LTD., AN INDIAN COMPANY OF 159, C.S.T. ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, STATE OF MAHARASHTRA, INDIA.

Inventors :
1. DR. VINOD KUMAR KANSAL.
2. DR. PADMA NILYAM PARAMESHWARAN.

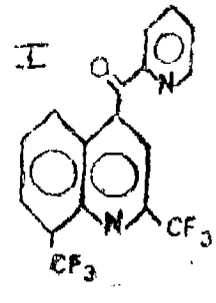
Application No 233/Bom/96 filel on 30-4-96.

Complete after Provisional left on 3-2-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

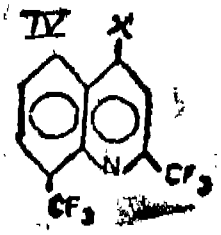
6 Claims

A process for the manufacture of pyrid-2-yl-2, 8-bis (trifluoromethyl) quinolin-4-yl ketone of formula I,

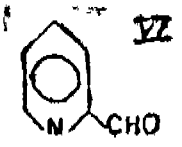


which comprises reacting

4-halo-2, 8-bis (trifluoromethyl)-quinoline of formula IV



wherein X=Cl, Br, I, alkyl sulfonates or aryl sulfonates with Pyridine-2-carboxyldehyde (VI)



in the presence of a catalyst such as hereindescribed and a base in an inert solvent as a temperature ranging from 20°C to 120°C.

(Prov. Specn. 11 pages; Drngs. Nil.)
(Compl Specn. 17 pages; Drugs. Nil.)

Ind. Cl. : 139 C, Gr. [IV (2)] & 201 C [II(4)]. 181729

Int. Cl. : C 01 B 07/14.

RECOVERY OF IODINE FROM WASTE STREAMS OF IODINATION PROCESSES.

Applicants : SUNPHARMACEUTICAL INDUSTRIES LTD., 'SYNERGY HOUSE', SUBHANPURA, GORWA ROAD, BARODA-390 007, GUJARAT, INDIA.

Inventors :
1. DR. T. RAJAMANNAR
2. DR. K.V.S.N. MURTY
3. DR. N. J. DE SOUZA.

Patent Application No. 424/Bom/96 with Provisional Specification filed on 16-8-96.

Complete after Provisional Specification filed on 3-3-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Mumbai-13.

9 Claims

A process for the recovery of iodine from waste streams of iodination processes, which process comprises reduction of different forms of inorganic iodine species such as ICl, I_2, M^{IX-} wherein M = counterions like Na or K and X=Cl usually to found in such waste streams, by treating the waste streams made acidic if necessary by the addition of a mineral acid, with appropriate amounts of an organic carboxylic acid at a temperature of 40°C—90°C, over a period of 4—20 hours, to recover from the said inorganic iodine species, iodine itself or iodine in the form of an iodine.

(Prov. Specn. 8 pages; Drgs Nil.)
(Compl. Specn. 10 pages; Drgs. Nil.)

Ind. Cl. : 55E. 181730

Int. Cl. : A 61 K 9/28.

A PROCESS FOR PRODUCING AN ANTITUBERCULAR PHARMACEUTICAL COMPOSITION.

Applicants : LUPIN LABORATORIES LIMITED, AN INDIAN COMPANY OF 159,, C.S.T. ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, MAHARASHTRA, INDIA.

Inventors :
(1) RAJESH SURESH KSHIRSAGAR.
(2) KISAN BARSU CHOUDHARI
(3) RAMA KANT SHUKLA.
(4) KOUR CHAND JINDAL.

Application No. : 499/Bom/96 filed on 9-10-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

20 Claims

A process for producing an antitubercular pharmaceutical composition in fixed dosage tablet form containing four antitubercular drugs rifampicin, isoniazid, pyrazinamide and ethambutol hydrochloride comprising :

(a) mixting rifampicin and ethambutol hydrochloride with excipients followed by wet granulating the resulting mixture with a binder material to thereby obtain granules of said mixture and thereafter subjecting the said granules to drying.

(b) mixing isoniazid and pyrazinamids with excipients followed by wet granulating the resulting mixture with binder material to obtain granules of said mixture and thereafter drying the said granules.

(c) mixing the granules thus obtained in steps (a) and (b) above with excipients to obtain a lubricated blend of the same;

(d) converting the resulting lubricated blend to tablets containing said fixed dose combination of refampicin, isoniazid, pyrazinamide and ethambutol hydrochloride;

(e) coating the tablet obtained in step (d) above.

(Compl. Specns. : 32 pages; Drawings : Nil)

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT—1970

In pursuance of Leave granted under Section 20(1) of the Patents Act, 1970 an application for Patent No. 179497 dated 08-03-96 has been allowed to proceed in the name of J.K. Drugs & Pharmaceuticals Ltd.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 an application for Patent No. 179498 dated 08-03-96 has been allowed to proceed in the name of J.K. Drugs & Pharmaceuticals Ltd.

RESTORATION PROCEEDINGS

Notice is hereby given that an aplication for restoration of Patent No. 172052 dated the 20th Dec. 1998 made by Alladi Probhaker on the 14-11-1998 and notified in the Gazette of India, Part III, Section 2, dated 24-1-1998 has been allowed and the said patent restored.

CESSATION OF PATENTS

166663
172790
176325
167972

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Lakshmi Machine Works Limited, Coimbatore-20, on Patent Application No. 179708 (157/Mas/91) made by M/s. MASCHINENFABRIK RIETER AG., Switzerland.

An opposition has been entered by M/s. Lakshmi Machine Works Ltd., Coimbatore-641 020 to the grant of a Patent Application No. 179802 (231/Bom/94) made by M/s. Niyanta Engg. Pvt. Ltd., Pune-411029.

An opposition has been entered by M/s. The Procter and Gamble Far East Inc., Japan to the grant of a patent for Patent No. 179846 (449 Bom/93) made by M/s. Hindustan Lever Ltd., Mumbai-400 020.

THE DESIGN ACT, 1991
Section 63,
DESIGN ASSIGNMENT.

The following Design Stand in the name of Lambda S.r.l. has been assigned in Register of Design in the name of Golden Lady Spa.

Design, Class and Name

169951, 11—Golden Lady Spa. of via Felice Cavalloti 11. 60035 Jesi, Ancona, Italy.

The following Design stand in the name of General and Railway Supplies Pty. Ltd., has been Assigned in the Register of Design in the name of Judith Elizabeth Rex.

Design, Class and Name

170661, 1—Judith Elizabeth Rex, a citizen of Australia, of Tullamore, Montacile, South Australia 5134, Australia.

The following Designs Stand in the name of Philips Electronics N.V. has been assigned in Register of Design in the name of Philips Consumer Communications B.V.

Design, Class and Name

171176, 172665, 172667, 172668, 172056, 171400, 172055, 172664, 172666, 173237, 171750, 171175, 171174, 170874, 171173, 172669, 172670, 170683, 170595, 171296, 3—Philips Consumer Communications B.V., a Dutch Company of 1, Groenewoudseweg, Eindhoven The Netherlands.

The following Design stand in the name of G.. M Pens (International) Pvt. Ltd., has been assigned in the Register of Design in the nome of Reynolds.

Design No., Class and Name

172701, 3—Reynolds (A Societe Anonyme organised under the Laws of France) of Chemin Des Huguenots. 26000, Valence, France.

The following Design stand in the name of Chandra Sekhara Subramanian Narayan of Metro Metal Printers Pvt. Ltd., has been assigned in Register of Design in the name of Rejendra Somani of Oriental Containers Ltd.

Design No., Class and Name

173586, 1—Rajendra Somani of Oriental Containers Ltd. of 1076, Dr. E. Moses Road, Worli, Mumbai-400 101.

The following Design stand in the name of Assured Marketing has been assigned in Register of Design in the name of W. E. Technologies Pvt. Limited.

Design No., Class and Name

175034, 1—W. E. TECHNOLOGIES PVT. LIMITED, an Indian Company of Plot No. 12, Lalita Block, Shastri Nagar, Delhi-110 052.

175035, 3—W. E. TECHNOLOGIES PVT. LIMITED, an Indian Company of Plot No. 12, Lalita Block, Shastri Nagar, Delhi-110 052.

RENEWAL FEES PAID

179120 164515 175394 162206 162209 164936 171182
171536 177830 175243 178409 176372 179189 176113
178079 163245 176101 176102 179187 179185 177904
173018 173596 163251 168290 164358 171184 166118
173516 173013 173181 177426 178729 172907 173733
178721 179190 179245 179250 178722 178730 179244
177427 178540 172909 172951 168282 179290 179181
179186 179248 162417 162418 163495 165624 166205
166787 166802 170488 170478 170611 170592 170991
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169242 163032 173400 178056 165499 163256 163257
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168156 169774 171809 170641 168114 165381 171867
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162817 168968 167108 177212 168179 169698 169699
166405 175775 175585 175624 175652 175765 176233
175648 175649 175625 177629 177847 177981 177437
164699 165798 166387 166388 168971 174996.

PATENT SEALED ON 07-08-98.

179206 179497*D 179498*D 179601 179602 179603
179604 179605 179608 179609 179610 179612 179613*
179614 179615 179616 179617 179618 179620 179621*
179622* 179624* 179625 179626 179627* 179628 179629
179630 179631* 179632 179633 179634* 179635 179637*
179638 179639* 179641 179642 179643 179644 179646
179647* 179648.

CAL—01, DEL—NIL, MUM—02, CHEN—40.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to Public inspection for a perod of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. Nos. 173717 & 173718, Electronics & Engineering Company, Indian, a partnership firm, of EEC House, Plot C-7, Off New Link Road. Near Laxmi Industrial Estate, Andheri (W), Mumbai-400 058, Maharashtra, India, "Probe", 28 April, 1997.

Class 1. Nos. 173631 & 173632, Tube Investments of Indio Ltd., an Indian Company, of Tiam House, 28 Raiaji Salai, Chennai-600 001, Tamil Nadu, India, "Bycycle Frame", 11 April 1997.

Class 3. No. 174785 Mr. Joseph Johnson, trading as C. J. Appliances, at No. C-60 II Stage, 'Peenya Industrial Estate, Bangalore-560 058. Karnataka State, India, "Button Knitter". 26 September. 1997

Class 3. No. 173502, MRF Limited, Indian Company, 124, Greams Road, Chennai-600 006, Tamil Nadu, India, "Tyre"; 1 April, 1997.

Class 3. No. 174123, Malhotra Shaving Products Ltd., an Indian Company of "Malhotra House", 6-3-1186, Begumpet, Hyderabad-500 016. A. P. India "Disposable Razor Handle", 23 June, 1997.

Class 3. No. 174124, Malhotra Shaving Products Ltd., an Indian Company of "Malhotra House", 6-3-1186, Begumpet, Hyderabad-500016, A.P. India, "Disposable Razor Handle" 23 June, 1997.

Class 3. No. 174225, Canon Domestic Appliances, 101, Shatinath, Link Road, Dahisar (W), Mumbai-400 062, Maharashtra, India, State of Maharashtra, India an Indian propietory firm. "Hot Plate", 7 July, 1997.

Class 3. Nos. 173555 & 173556, The Procter & Gamble Company, of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, U.S.A., "Bottle", 4th April, 1997.

Class 3. Nos. 173921 & 174072, U.S.V. Ltd., at Poonam Chambers-B, Dr. A. Besant Road, Worli, Mumbai-400018, Maharashtra, India "Container", 26th May, 1997.

Copyright Extended for the 2nd Period of Five Years.

Number : 164301, 169831, 165699, 164675, 169389, 164642, 169865, 170523, 168321, 167694, 155512—Class 1.

Number : 165666, 168505, 166129, 165287, 163551, 168030, 164982, 170792, 173153, 171841, 166285, 172711, 165756, 166523, 166514, 165950, 165197, 170608, 166240, 165947, 165591, 165871, 173232—Class 3.

Copyright Extended for the 3rd Period of Five Years.

Number : 172662, 170622, 169136, 164525, 158972, 158973, 172661, 169845, 159892, 159893, 159329, 159328, 159330, 159332, 159331, 159327, 159325, 159326, 159518, 159516, 159898, 159897, 159896, 159895, 159894, 159641, 159642, 169643, 159644, 159645, 159637, 159638, 159639, 159640, 172514, 164430, 169575, 171978, 172885, 172436, 166531, 171820, 172162, 172201, 168259, 166874, 170278, 167907, 170850, 170388, 171835, 159249, 159248, 159247, 156992, 156991, 173978, 173982, 159274, 159273, 159272, 159271, 159270, 170818, 170815, 172358, 172359, 172360, 173979, 167909, 168584, 165565, 159720, 163207, 174300, 166790, 166003, 166605—Class 3.

Number : 159652, 159338, 159339, 159340, 159334, 159333, 159341, 159342, 159343, 159337, 159517, 159515, 159891, 159888, 159890, 159889, 159646, 159647, 169648, 159649, 159653—Class 10.

H. D. THAKUR
Controller General of Patent, Design & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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